9. (Amended) The tetrakisfluoroalklyborate salts according to claim 1, characterized in that each of the ligands R are the same, representing a CF_3 residue.

A2 amend

10. (Amended) A method of producing the tetrakisfluoroalkylborate salts of claim 9, characterized in that at least one compound of general formula (X)

$$M^{n+} ([B(CN)_4]^-)n \qquad (X)$$

is fluorinated by reacting with at least one fluorinating agent in at least one solvent, and the thus-obtained fluorinated compound having the general formula (I) is purified and isolated according to usual methods.

12. (Amended) The method according to claim 10, characterized in that fluorine, chlorine fluoride, chlorine trifluoride, chlorine pentafluoride, bromine trifluoride, bromine pentafluoride, or a mixture of at least two of these fluorinating agents, preferably chlorine fluoride or chlorine trifluoride or a mixture of at least two fluorinating agents containing chlorine fluoride and/or chlorine trifluoride is used as fluorinating agent.

A3

13. (Amended) The method according to claim 10, characterized in that hydrogen fluoride, iodine pentafluoride, dichloromethane, chloroform, or a mixture of at least two of these solvents, preferably hydrogen fluoride, is used as solvent.

14. (Amended) A mixture, including

a) at least one tetrakisfluoroalkylborate salt of general formula (I) according to claim 1, and

b) at least one polymer.

16. (Amended) The mixture according to claim 14, characterized in that component b) is a homopolymer or copolymer of unsaturated nitriles, preferably acrylonitrile, vinylidenes, preferably vinylidene difluoride, acrylates, preferably methyl

A4

acrylate, methacrylates, preferably methyl methacrylate, cyclic ethers, preferably tetrahydrofuran, alkylene oxides, preferably ethylene oxide, siolxane, phosphazene, alkoxysilanes, or an organically modified ceramic, or a mixture of at least two of the above-mentioned homopolymers and/or copolymers and optionally at least one organically modified ceramic.

A4 cont'd

18. (Amended) The mixture according to claim 14, characterized in that the polymer is at least partially crosslinked.

A5

19. (Amended) The mixture according to claim 14, characterized in that the mixture additionally includes at least one solvent.

21. (Amended) A method of producing a mixture according to claim 14, characterized in that at least one tetrakisfluoroalkylborate salt of general formula (I) and at least one polymer and optionally at least one solvent are mixed.

AC

23. (Amended) Use of at least one tetrakisfluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer in electrolytes, primary batteries, secondary batteries, capacitors, supercapacitors, or galvanic cells, optionally in combination with other conducting salts and/or additives.

A7

24. (Amended) Electrolytes, including at least one tetrafluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer.

26. (Amended) Primary batteries, including at least one tetrafluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer.

A8

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H02M 006/18

27. (Amended) Secondary batteries, including at least one tetrakisfluoroalkylborate of general formula (I) according to claim 1 at least one mixture thereof with at least one polymer.

28. (Amended) Capacitors, including at least one tetrakisfluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer.

361/527

29. (Amended) Supercapacitors, including at least one tetrakisfluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer.

30. Galvanic cells, including at least one tetrakisfluoroalkylborate of general formula (I) according to claim 1 or at least one mixture thereof with at least one polymer.